

Title (en)
System abnormalities

Title (de)
Systemabnormalitäten

Title (fr)
Anomalies du système

Publication
EP 2884404 A2 20150617 (EN)

Application
EP 14194647 A 20141125

Priority
GB 201322062 A 20131213

Abstract (en)
A monitor and method to identify an abnormality in a system (10), comprising a sensor (60) to measure a parameter value (84) of the system. A processor (64) to receive parameter values; select a subset to store in a buffer; and calculate a threshold (66) corresponding to normal values of the parameter. An estimator (80) to estimate the next parameter value. A comparator (68) to compare a measured parameter value to the calculated threshold and to store: the measured parameter value in the buffer if the measured parameter value does not exceed the calculated threshold and the estimated parameter value in the buffer if the measured parameter value exceeds the calculated threshold.

IPC 8 full level
G06F 17/18 (2006.01); **F02C 9/00** (2006.01); **G05B 23/02** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP US)
F02C 7/00 (2013.01 - EP US); **G01M 15/14** (2013.01 - US); **G05B 23/0235** (2013.01 - EP US); **G05B 23/0283** (2013.01 - EP US);
G06F 17/18 (2013.01 - EP US); **G06F 18/24155** (2023.01 - EP US); **G06F 18/2433** (2023.01 - EP US); **F05D 2260/80** (2013.01 - EP US)

Cited by
US2017261406A1; EP3671175A4; US10151643B2; EP3217243A1; EP3287860A1; CN107767612A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2884404 A2 20150617; **EP 2884404 A3 20150722**; CA 2874449 A1 20150613; GB 201322062 D0 20140129; US 2015168264 A1 20150618

DOCDB simple family (application)
EP 14194647 A 20141125; CA 2874449 A 20141212; GB 201322062 A 20131213; US 201414554465 A 20141126